

**California Regional Water Quality Control Board
Los Angeles Region**

**Executive Officer's Report
Dennis A. Dickerson, Executive Officer**

October 25, 2001

INSIDE THIS REPORT :

Groundwater Division
Enforcement
Stormwater
Remediation
Underground Storage Tanks
Surface Water Division
Watershed Regulatory
Regional Programs
Watershed/Coastal Waters
Outreach
Staff Development
Administrative Services

*** The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption

*** For a list of simple ways to reduce demand and cut your energy costs, see the tips at: <http://www.swrcb.ca.gov/news/echallenge.html>

GROUNDWATER DIVISION

ENFORCEMENT

Simi Valley Auto Wrecking, Inc.

Dionisia Rodriguez

An ACL was issued to Simi Valley Auto Wrecking, Inc. for \$2,980, for violating the State's General Permit for Storm Water Discharges Associated with Industrial Activities, Water Quality Order No. 97-03-DWQ, NPDES No. CAS000001, by failing to submit the required annual report for 1999-00.

Metal Recycling 22, Inc.

Dionisia Rodriguez

An ACL was issued to Metal Recycling 22, Inc. for \$33,610, for violating the State's General Permit for Storm Water Discharges Associated with Industrial Activities, Water Quality Order No. 97-03-DWQ, NPDES No. CAS000001, by not retaining a Storm Water Pollution Prevention Plan on site, not implementing and maintaining non-structural best management practices, failing to conduct, document and record on a quarterly basis all "Non-Stormwater Visual Observations", failing to analyze for all parameters relevant to the facility's standard industrial classification, and failure to collect at least two storm water samples during the 2000 wet season.

City of Thousand Oaks

Russ Colby

An ACL was issued to the City of Thousand Oaks for \$229,460, for violating Order No. 96-044 (NPDES Permit No. CA0056294) and California Water Code Section 13376. The Plant is alleged to have discharged 30,000 gallons of raw sewage on August 21, 2001 into Arroyo Conejo Creek, a water of the State.

City of Santa Monica

Lala Kabadaian

A Mandatory Minimum Penalty was issued to the City of Santa Monica, Arcadia Water Treatment Plant for \$3,000, for exceeding their NPDES permit effluent limit once for chlorobromomethane by 47% on July 27, 2000. The wastes flow to Ballona Creek, a water of the State. The City paid the penalty in full on September 19, 2001.

S.K. Management Company, LLC

Lala Kabadaian

A Mandatory Minimum Penalty was issued to S.K. Management Company, LLC for \$6,000, for exceeding their NPDES permit daily maximum and monthly average effluent limits on February 2, 2000 by 67% and 400% respectively. The wastes flow to Ballona Creek, a water of the State.

Praxair, Inc.

Lala Kabadaian

A Mandatory Minimum Penalty was issued to Praxair, Inc. for \$24,000, for exceeding their NPDES permit effluent limits once for chemical oxygen demand, 2 times for residual chlorine, and 5 times for settleable solids between March 2000 and April 2001. The wastes flow to the Dominguez Channel, a water of the State. Praxair, Inc. paid the penalty in full on September 25, 2001.

City of Los Angeles, Department of Water and Power (Haynes Tank Farm, Tank E)

Russ Colby

A Mandatory Minimum Penalty was issued to The City of Los Angeles, Department of Water and Power (Haynes Tank Farm, Tank E) for \$6,000, for exceeding their NPDES permit effluent limit for total suspended solids on March 5, 2000 and for turbidity on January 11, 2001, January 30, 2001, February 13, 2001 and February 26, 2001. The wastes flow to the Los Alamitos Channel, a water of the State. The City of Los Angeles, Department of Water and Power paid the penalty in full.

City of Los Angeles, Department of Water and Power (Haynes Tank Farm, Tank H & J)

Russ Colby

A Mandatory Minimum Penalty was issued to The City of Los Angeles, Department of Water and Power (Haynes Tank Farm, Tank H & J) for \$3,000, for exceeding their NPDES permit effluent limit for total suspended solids on October 28, 2000. The wastes flow to the Los Alamitos Channel, a water of the State. The City of Los Angeles, Department of Water and Power paid the penalty in full.

BP Wilmington Calciner (Formerly known as Arco CQC Kiln, Inc.)

Lala Kabadaian

A Mandatory Minimum Penalty was issued to BP Wilmington Calciner (Formerly known as Arco CQC Kiln, Inc.) for \$6,000, for exceeding their NPDES permit effluent limits for February 12, 2001 and March 19, 2001 for exceeding the effluent limitations by at least 40%. The penalty was paid in full on August 10, 2001.

Sav-on Plating

Dionisia Rodriguez

An ACL was issued to Superior Industries, International for \$2,980 for violating the State's General Permit for Storm Water Discharges Associated with Industrial Activities, Water Quality Order No.

97-03-DWQ, NPDES No. CAS000001, by failing to submit the required annual report for 1999/00. A check for 50% of the penalty, a letter committing to performance of a SEP for the remainder of the penalty and a signed waiver has been received.

Lynwood Auto Dismantling

Dionisia Rodriguez

An ACL was issued to Lynwood Auto Dismantling for \$2,980 for violating the State's General Permit for Storm Water Discharges Associated with Industrial Activities, Water Quality Order No. 97-03-DWQ, NPDES No. CAS000001, by failing to submit the required annual report for 1999/00. A check for 50% of the penalty, a letter committing to performance of a SEP for the remainder of the penalty and a signed waiver has been received.

Bodycote Hinderliter

Dionisia Rodriguez

An ACL was issued to Bodycote Hinderliter for \$2,980 for violating the State's General Permit for Storm Water Discharges Associated with Industrial Activities, Water Quality Order No. 97-03-DWQ, NPDES No. CAS000001, by failing to submit the required annual report for 1999/00.

Sherwood Limited Partnership

Matt Yeager

An ACL was issued to Sherwood Development on July 12, 2001 for \$46,600 for violating the provisions of the Statewide General Construction Storm Water permit, by failing to develop a storm water pollution prevention plan (SWPPP) and retain the SWPPP on site, and for failing to implement and maintain effective erosion and sediment controls. The penalty was paid in full.

Notices Of Violation – NPDES Discharge Monitoring Reports

Enforcement Staff

The Executive Officer issued Notices of Violation and Requirements to Submit information to 3 facilities for failing to comply with provisions of Waste Discharge Requirements included as part of their NPDES Permits. Enforcement staff identified these violations as part of the NPDES discharger monitoring report review process.

Notices Of Violation – NPDES DMRs

Enforcement Staff

The Executive Officer issued Notices of Violation and Requirements to Submit information to 9 facilities for failing to comply with provisions of Waste Discharge Requirements included as part of their NPDES Permits. Enforcement staff identified these violations as part of the NPDES discharger monitoring report review process.

NPDES Facility Inspections

Jesus Plasencia and Jose Morales

Enforcement Unit NPDES inspectors conducted 114 level B inspections (Routine non-sampling inspection), and 176 level A inspections (Comprehensive inspection in which samples are taken) of facilities with NPDES Permits. Inspection of these facilities is a required part of the NPDES program. See Attachment "A". "A".

Self Monitoring Reports

Enforcement Staff

In June 2001, staff reviewed a total of 183 Self-Monitoring Reports submitted by NPDES permit holders.

Waste Discharge Requirement Program (Non-Chapter 15)

Halaco Engineering Company

Gary Schultz

Halaco Engineering Co. facility (Halaco), located at 6200 Perkins Road, Oxnard, currently discharges solid and liquid wastes to a waste management unit under waste discharge requirements contained in Order No. 80-58. Board staff scheduled the Halaco tentative items [the waste discharge requirements (WDR) renewal and the cease and desist order (CDO)] for the October 4, 2001, Board meeting. However, the Halaco tentative items will be continued for a special Board meeting scheduled for November 13, 2001.

Halaco, in letters dated September 13, 2001, submitted comments on the tentative orders. Board staff is reviewing the comments.

Trancas-PCH, LLC

Thanloan Nguyen

Trancas-PCH, LLC owns Tentative Tract 32415 located at Trancas Canyon Road in Malibu, California. Trancas-PCH, LLC plans to develop Tentative Tract 32415 into 15 single-family homes, which will discharge their domestic wastewaters to individual wastewater treatment units and disposal systems. The treated wastewater will be pumped to individual on-site disposal facilities which will include a subsurface landscape irrigation field and one or more seepage pits.

Tentative Waste Discharge Requirements for Trancas-PCH, LLC were presented to the Board at the September 19, 2001 Board meeting. The Board heard testimony from Trancas-PCH, LLC, Trancas Property Owners Association and Malibu West Swimming Club. After considering all comments, the Regional Board adopted Order No. 01-135 for Waste Discharge Requirements.

General Waste Discharge Requirements (WDRs) for Jack In the Box

Carey Wilder

Board staff received a Waste Discharge Requirements application for Jack in the Box, located at 3838 Sierra Highway, Acton, California. Board staff reviewed the information provided by Jack in the Box, and determined that the proposed discharge meets the conditions specified in Order No. 01-031, "General Waste Discharge Requirements for Small Commercial and Multifamily Residential Subsurface Sub-surface Sewage Disposal". The subject case was enrolled under Order No. 01-031 on September 14, 2001.

WDR Facility Inspections

Non-Chapter 15 Unit staff

Non-Chapter 15 Unit staff conducted level A (Comprehensive inspection in which samples are taken) and B1 inspections (Routine non-sampling inspection) of 3 facilities with WDR Permits.

Inspection of these facilities is a required part of the WDR program.

Rescissions of WDR

Hoan Tang, Tony Callaway

Board staff rescinded five old WDR permits issued by Los Angeles County after the status was verified by staff inspections. Board action rescinded Order No. 00-170 and No. 90-167 for Chatteau Deville LLC.

Halaco Engineering Company

Gary Schultz

At the June 28, 2001, Board meeting, Board staff updated the Board regarding the status of the Halaco Engineering Co. facility (Halaco), located at 6200 Perkins Road, Oxnard, California. Halaco currently discharges solid and liquid wastes to a waste management unit under waste discharge requirements contained in Order No. 80-58. Though Board staff originally scheduled the Halaco tentative items (the waste discharge requirements (WDR) renewal and the cease and desist order (CDO)) for the August 23, 2001, Board meeting, the Halaco tentative items were continued for a special Board meeting currently scheduled for October 4, 2001. In addition to preparation of tentative items, Board staff issued an enforcement letter dated August 1, 2001, to Halaco. The letter requires Halaco to fully characterize its liquid waste and solid waste disposed to its waste management unit (WMU) by February 1, 2002, to submit a comprehensive groundwater and surface monitoring workplan by October 15, 2001, to evaluate the hydraulic containment capabilities of the WMU by April 1, 2002, and to complete an engineering site and land survey by January 2, 2002. Halaco, in a letter dated August 15, 2001, submitted comments on the enforcement letter. Board staff is reviewing the comments.

General Waste Discharge Requirements (WDRs) for McDonald's Restaurant

David Koo

Self Monitoring Reports

Non-Chapter 15 Unit staff

In July 2001, staff reviewed a total of 8 Self-Monitoring Reports submitted by WDR permit holders.

Self Monitoring Reports

Non-Chapter 15 Unit staff

In July 2001, staff reviewed a total of 29 Self-Monitoring Reports submitted by WDR permit holders.

WDR Facility Inspections

Non-Chapter 15 Unit staff

Non-Chapter 15 Unit staff conducted level A (Comprehensive inspection in which samples are taken) and B1 inspections (Routine non-sampling inspection) of 10 facilities with WDR Permits. Inspection of these facilities is a required part of the WDR program.

Notices Of Violation

Non-Chapter 15 Unit staff

The Executive Officer issued Notices of Violation and Requirements to Submit information to six facilities for failing to comply with provisions of Waste Discharge Requirements. Staff identified these violations as part of the monitoring report review process.

Monthly Enforcement Summary

A summary listing the Monthly Enforcement actions has been included with this report as Attachment "CD".

Landfills

Revision of Waste Discharge Requirements

Landfills Unit staff

Revised Waste Discharge Requirements (WDRs) for the following landfills were adopted at the September 19, 2001, Board meeting:

United Rock Products Corporation's Pit No. 3 Inert Landfill (Order No. 01-131)

County Sanitation Districts of Los Angeles County's Scholl Canyon Landfill (Order No. 01-132)

County of Los Angeles Sheriffs Department's Peter Pitchess Landfill (Order No. 01-133)

These WDRs were revised to reflect the up to date site conditions and current State and Federal regulations that are applicable to the landfills.

Contaminated Sediments

Alameda Corridor Transportation Association Offset Dredging Project

Michael Lyons

Alameda Corridor Transportation Association (ACTA) began discharging extracted groundwater into Dominguez Channel, which drains into Los Angeles Harbor, from the Mid Corridor Trench project in February 2000. That discharge continued until September 29, 2000, after which the extracted groundwater was diverted to a Los Angeles County Sanitation Districts sewer line. However, three storm events in October 2000 required the discharge of extracted groundwater to Dominguez Channel.

ACTA estimated that a total of 198 pounds of metals (lead, copper and zinc) were discharged from the Mid Corridor Trench dewatering operations into Dominguez Channel, based upon measurements of metals concentrations in the extracted groundwater. Cease and Desist Order No. 00-127 required an offset equivalent to 150% of the total mass discharged, or 297 pounds of these metals. To accomplish this offset, ACTA proposed to dredge sediments from Fish Harbor, within the Port of Los Angeles, to remove an equivalent mass of metals. ACTA calculated that dredging approximately 40 cubic yards of contaminated sediments would fulfil this requirement; however, as a contingency, ACTA proposed to dredge 80 cubic yards of sediments.

ACTA contracted with Manson Construction Company to dredge sediments adjacent to Pier 264 in Fish Harbor. The dredging project was completed on September 5, 2001. The dredged sediments

were placed into Baker tanks on the wharf dock and transferred to vacuum bins after dewatering. The sediments ultimately were taken to Kettleman Hills Landfill for disposal.

Caulerpa taxifolia ("Killer Algae") in Southern California

Michael Lyons

An invasive algae, Caulerpa taxifolia, was discovered in San Diego County's Agua Hedionda Lagoon on June 12, 2000, and subsequently in Huntington Harbor. The algae probably was released by an aquarist illegally dumping material into a storm drain near the lagoon. The Southern California Caulerpa Action Team (SCCAT) was established to respond quickly and effectively to the discovery of this algae in Southern California. SCCAT includes representatives from several state, federal, local and private entities (including California Department of Fish and Game, National Marine Fisheries Service, and San Diego, Santa Ana and Los Angeles Regional Water Quality Control Boards). The goal of SCCAT is to completely eradicate all known Caulerpa infestations and prevent the spread of this algae to new areas.

The California State Legislature recently approved a bill banning the sale and possession in California of several species of Caulerpa, including taxifolia. Assembly Bill No. 1334 (Harman) was approved by the Governor on September 24, 2001. It adds Chapter 3.5 (commencing with Section 2300) to Division # of the Fish and Game Code, relating to algae. This will would prohibit the sale, possession, importation, transportation, transfer, releasing alive in the state, or giving away without consideration, the salt water algae of enumerated Caulerpa species (taxifolia, cupressoides, mexicana, sertulariodes, floridana, ashmeadii, racemosa, verticillata, and scapelliformis). Exceptions can be made for bona fide scientific research upon authorization by the Department of Fish and Game. Any person who violates this section is subject to a civil penalty of not less than \$500 and not more than \$10,000 for each violation.

Additional information about Caulerpa taxifolia and ongoing eradication and control activities is available via the Internet at:

<http://swr.nmfs.noaa.gov/hcd/caulerpa.htm> and

http://www.swrcb.ca.gov/~rwqcb9/News/Caulerpa_taxifolia/caulerpa_taxifolia.html

Select Committee on Urban Landfills

On August 24, 2001, Regional Board staff attended an informational hearing chaired by Senator Gloria Romero of the 24th Senatorial District. The purpose of the hearing was to discuss a report prepared by the State Auditors Office entitled "Report on the California Integrated Waste Management Board: *Limited Authority and Weak Oversight Diminish Its Ability to Protect Public Health and the Environment.*" The meeting was attended by representatives of the Los Angeles County Sanitation Districts, California Refuse Removal Council, Southern District, League of California Cities, Hacienda Heights Improvement Association (a citizens group opposed to the proposed expansion of the Puente Hills Landfill), and the North Valley Coalition (a citizens group opposed to the proposed expansion of the Sunshine Canyon Landfill). During the morning session these representatives were queried by the Senator's panel about issues raised in the Auditor's report such as waste diversion numbers, waste reduction, and the role of the California Integrated Waste Management Board in regulating waste disposal. During the afternoon, the Senator's panel interviewed representatives of the Air Resources Board, the Department of Conservation, the Department of Toxic Substances Control, the Integrated Waste Management Board, and the State Water Resources Control Board. Questions were asked about each agencies' role in permitting and oversight of landfills, the need for new or expanded landfills, options to expansions, issues

concerning environmental protection, public health and safety, and environmental justice. Comments were also received from members of the public. Another hearing is scheduled for September 19, 2001, to more directly consider specific environmental issues.

STORM WATER SECTION

Industrial – 00/01 Annual Report Update

Yi Lu

Discharges of storm water associated with industrial activities are subject to self-monitoring requirements, among other requirements, as set forth in the State's General Permit. These self-monitoring requirements include collection and an analysis of runoff from two storms each year, as well as visual observations. Permittees must report the results of their self-monitoring by July 1st of each year. As of September 30, 2001, 2,578 (87%) of the Region's 2,962 permittees submitted their annual reports.

On July 25, 2001, Regional Board staff sent out Notices of Non-compliance (level 1 enforcement letters) to 363 permittees who had failed to submit their 2000/01 annual reports. On August 24, 2001, staff sent out Notices of Violation (level 2 enforcement letters) to 152 permittees whose annual reports remain delinquent. As of September 30, 2001, approximately 60 permittees still have not submitted their annual reports and they now face formal action. Beginning in October 2001, Regional Board staff will begin review of these facilities and prepare appropriate action for them.

Industrial - Non-Fileers Project in the City of Los Angeles

Yi Lu

During fiscal year 1999/00, staffs' workplan includes a commitment to follow up on 204 potential non-fileers in a four-square mile industrialized area of the City of Los Angeles. Since October 2000, staff has been contacting these potential permittees through outreach letters and informal enforcement notices.

During the first quarter of fiscal year 2000/01 (July through September 2001), staff made significant progress and brought this project to its closure. As shown in the table below, out the 204 facilities that appeared to be subject to the filing requirements, staff were able to get 83 of them (about 41%) enrolled under the General Permit. Five facilities (about 2%) are now facing formal enforcement action. Of the remaining facilities, 64 (about 31%) have been exempted from the General Permit requirements, while almost 52 of the facilities (about 26%) could not be contacted as they have moved or closed down.

83	Have been enrolled into the General Permit.
23	Could not be contacted (letters were returned by the Postal Office).
29	Found to be closed or moved out.
64	Are eligible to be exempted from the General Permit. 48 approved for Notice of Non-Applicability (NNA). 16 were exempted based on site inspections.

5	Have been referred to Enforcement to prepare ACLs.
204	Total

Ventura Countywide Stormwater Monitoring Program's 2000/2001 Monitoring Status Report
Ejigu Solomon

In August 2001, Regional Board staff received a monitoring status report from the Ventura Flood Control District (the co-permittee along with 10 Ventura cities) for the 2000/2001 monitoring year. The table below shows data for one mass emission station (designated sampling station) at Ventura River. Reported data is the highest of 3 reported values for samples taken on separate times.

Constituent	Units	Mass emission (Ventura) (designated sampling station)
<u>Fecal Coliform</u>	<u>MPN/100 ml</u>	5000
Ammonia (N)	<u>mg/l</u>	0.1
<u>Lead (total)</u>	mg/l	52.6
<u>MTBE</u>	<u>ug/l</u>	N/A
<u>PAHs</u>	ng/l	2760
<u>Oil & Grease</u>	mg/l	<3
<u>Total DDTs</u>	ng/l	8.3
<u>Chlorpyrifos</u>	ug/l	<0.05
Chromium (total)	ug/l	151
Acute ceritodaphnia survival	toxicity present	1 (chronic silversides larvae growth)
<u>Phenanthrene</u>	ng/l	582

Regional Board staff are performing data validation, and have directed the co-permittee to compare the data to water quality objectives. One of the issues that is noticeable in the above table is the presence of toxicity in fish samples. Dischargers are required to do a toxicity identification evaluation when a toxicity presence is confirmed. This was not performed in this case.

Municipal - City of Long Beach MS4 Audit

The week of August 6, Regional Board staff and EPA Region IX staff, with the assistance of Tetra Tech Inc., conducted an audit of the City of Long Beach's Storm Water NPDES permit. The audit team reviewed permit requirements and the City's progress in meeting these requirements and conducted an in-field verification of programs implementing the permit requirements. On October 3, the Regional Board submitted a final Audit Report. The Audit Report identified positive attributes, areas in need of improvement, and significant concerns regarding the City's compliance with their storm water permit. Regional Board staff has scheduled a follow-up meeting with the City, after which appropriate follow-up actions will be considered.

Municipal - LA County MS4 Permit Reissuance

On July 26, the Regional Board conducted a public workshop to receive comments on the second draft of the Los Angeles County municipal storm water permit (MS4 permit). The deadline for submittal of written comments was August 6. At the conclusion of the workshop, the Regional Board members provided direction to staff regarding the permit language. This direction included, but was not limited to, ensuring that proposed permit requirements were at least as stringent as other existing MS4 permits. Staff has made modifications to the draft that were consistent with Board direction, as well as others based on written comments.

The tentative draft permit and Response to Comments on the second draft was issued on October 11. The deadline for written comments on the tentative draft is November 12. If necessary, based on comments received on the tentative draft, Regional Board staff will issue a supplemental response to comments on November 16. The permit will be considered for adoption at the November 29 Board Meeting. The updated schedule, draft permits, and other related documents can be downloaded from the Storm Water web page at the following address:

www.swrcb.ca.gov/rwqcb4/html/programs/Stormwater/renewal.html

REMEDIATION

Well Investigation Program

Status Report of the San Fernando Valley Chromium VI Investigation

Dixon Oriola

Regional Board staff have inspected over 176 of the 254 suspected Chromium VI sites in San Fernando Valley. Regional Board staff have obtained the identities of the remaining 78 property owners and are preparing case re-opening letters for mail-out. Inspection of these sites will commence shortly and should be completed by the end of November 2001.

NASA Property Transfer in Downey

John Geroch

Regional Board staff have been providing oversight for the investigation and remediation of VOC-impacted soil and groundwater at the former National Aeronautics and Space Administration (NASA) Industrial Plant (Site) in the City of Downey.

NASA has installed a soil vapor extraction system (VES) to remove PCE from soils beneath Building 244 at the Site. To date, the VES has removed about 4,000 pounds of PCE and the system is continuing to operate to remove additional PCE remaining.

Since the NASA Industrial Plant has been shut down, approximately 10,000 jobs have been lost. NASA and the City of Downey have advised Regional Board staff that both parties are interested in transferring ownership of the Site to the City of Downey as soon as possible so that Downey can begin redevelopment of the Site and replace many of the jobs that have been lost.

To support this transfer, Regional Board staff met with NASA, the City of Downey, the California State Lands Commission and the General Services Administration to discuss the transfer process. Based upon the discussions and issues raised during this meeting, Regional Board staff issued a letter dated September 26, 2001, providing NASA with a list of additional investigative and remedial activities required to be implemented before Regional Board staff can support the early transfer of the site.

Regional Board staff continue to work with NASA and the City of Downey to ensure all of the Regional Board's requirements are met so that the Site can be transferred expeditiously.

Port Hueneme Deep Water Port Dredging

Blythe Poniek-Bacharowski

Regional Board staff and DTSC are working with the Army Corps of Engineers and Naval Base Ventura County-Port Hueneme staff to evaluate the appropriateness of dredging sediment in the port, for the purpose of deepening the channel, and reusing it for nearby beach replenishment. Regional Board staff will evaluate if the physical characteristics of the sediment are similar enough to the current beach material to provide for stable beach replenishment. In addition, Regional Board staff is reviewing analytical data for sediment samples to determine if there are chemicals of concern present.

UNDERGROUND STORAGE TANK PROGRAM

Charnock Sub-basin MTBE Investigation Area

Dr. Weixing Tong

Introduction: The Charnock Sub-Basin Investigation Area is located in the Central Groundwater Basin of the Los Angeles Coastal Plain. During March 1996, MTBE concentrations up to 610 mg/L was detected in the City of Santa Monica (CSM) wells, consequently in June 1996, the CSM shut down its five production wells. The Southern California Water Company (SCWC) has a wellfield adjacent to the CSM wellfield and shut down its two production wells in October 1996, to avoid drawing in MTBE pollution. No MTBE was ever detected in the SCWC production wells. During April 1997, the Regional Board and USEPA (jointly the "Agencies") signed a Memorandum of Understanding (MOU) to deal with the MTBE pollution problem affecting both the CSM and SCWC wellfields (collectively Charnock Wellfields). Pursuant to the MOU, the Agencies identified 48 potential responsible party sites (PRP sites) within one and one quarter mile radius of the wellfields (Charnock Sub-Basin Investigation Area). Based upon record search, 32 potential source sites were required to perform a preliminary investigation to determine the potential of soil and groundwater contamination. At present, there are 27 active sites in the Charnock Sub-Basin Investigation Area. Of the 27 active sites, there are 13 sites where additional site assessment work is required. Groundwater monitoring is being performed at 26 sites. A workplan for site assessment is currently prepared for the 27th site. Remedial action workplans for the soil and/or groundwater have been approved for a total of 9 sites.

Site Specific Cleanup: Site specific cleanup technologies include air stripper, granular activated carbon adsorption, advanced oxidation process, and soil vapor extraction. The following are the current status of site-specific cleanup activities (See attached Figure for site locations):

PRP Site No. 4 (ARCO): Implement soil vapor extraction. To date approximately 50,063 pounds of total petroleum hydrocarbons have been removed from beneath the site.

PRP Site No. 7 (Unocal): Implement soil vapor extraction. To date approximately 16,908 pounds of total petroleum hydrocarbons have been removed from beneath the site. A remedial action plan has been submitted to clean up the contaminated groundwater beneath the site.

PRP Site No. 8 (Mobil): Implement soils vapor extraction and groundwater pump and treat system. To date approximately 305 pounds of MTBE, 85 pounds of benzene, and 14,020 pounds of petroleum hydrocarbons have been removed by soil vapor extraction. Since November 1999, approximately 23.5 million gallons of groundwater have been pumped, treated and discharged under an NPDES permit. Approximately 780 pounds of petroleum hydrocarbons have been removed from groundwater underneath the site.

PRP Site No. 10 (Chevron): Implement soils vapor extraction and prepare groundwater pump and treat system. A vapor and groundwater extraction system (VEGE) has been approved and is under construction. In the meantime, a temporary portable dual phase remediation system has been delivered to the site and has operated at the since May 24, 2001. To date approximately 2,090 pounds of petroleum hydrocarbons have been removed by soil vapor extraction.

PRP Site No. 11 (Shell): Implement soil vapor extraction and onsite and offsite groundwater pump and treat system. A groundwater pump and treat is used to recover polluted groundwater and is then treated using an air stripper to remove MTBE followed by advanced oxidation process to remove TBA. To date approximately 86 million gallons of groundwater have been treated and discharged under an NPDES permit. Since the inception of the remediation system, 6,335.4 pounds of total petroleum hydrocarbons, 315.4 pounds of benzene and 1,464.5 pounds of MTBE have been removed from the site. The system influent concentrations for MTBE have decreased from 19,000 m g/L in November 1999, to 570 m g/L in August 2001. The soil vapor extraction system has been operated since September 2000. To date approximately 82.2 pounds of MTBE, 27.7 pounds of benzene, and 2,497.8 pounds of petroleum hydrocarbons have been removed by soil vapor extraction.

PRP Site No. 12 (Winall Oil): Implement soil vapor extraction. A soil vapor extraction system has been operating since May 2000, and has removed to date 14,106 pounds of petroleum hydrocarbons, 93.5 pounds of benzene, and 1,698 pounds of MTBE.

PRP Site No. 6 (Conoco): Implement pilot test for soil vapor extraction system.

PRP Site No. 16 (Tosco): Implement pilot test for soil vapor extraction system.

PRP Site No. 23 (Chevron-Thrifty-Best): Implement pilot test for soil vapor extraction and prepare soil vapor extraction and groundwater pump and treat system. Construction for offsite soil vapor extraction piping has been complete.

PRP Sites No. 1, No. 8, No. 15, No. 23, No. 40, and No. 44: Complete tank removal and/or upgrades.

Charnock Sub-basin Regional Approach: On the Charnock Sub-basin regional issues, the Regional Board and Shell have entered into a Stipulated Agreement containing a specified Scope of Work (SOW) to perform regional investigation and analysis of alternatives for both Interim Water Replacement and Interim Regional Response Actions. The Regional Board members at the August 31, 2000, meeting approved the Stipulated Agreement. As part of this investigation, a number of groundwater monitoring have been installed into the Upper Silverado Aquifer to aid in determining plume source(s) and characteristics, and to perform periodic groundwater monitoring. This work will

require development of a basin-wide flow model, development a GIS database, evaluate alternative drinking water sources within the Charnock Sub-Basin, evaluate methods of treating polluted groundwater, restoring the Charnock Sub-Basin Investigation Area to its full beneficial use, and provide a community relations plan. The work specified in the SOW is a necessary step to restore the drinking water supply at the Charnock Wellfields. Currently, fieldwork is ongoing, and twenty-six (26) regional wells have been completed to date. Shell has submitted a preliminary basin-wide groundwater flow model, January 2001, and the model is currently under review by the Agencies. All 26 sites in the Charnock Sub-Basin Investigation Area have been required to submit the site-specific water quality data for construction of GIS database. As of July 1, 2001, the data from all 26 sites have been entered into GIS database. The regional investigative report including regional assessment and recommendations of regional remedy will be submitted during November 2001. Regional Board and USEPA (Agencies) have also established an inquiry hotline in response to the community concerns regarding the drilling and sampling activities required by the agencies. So far several dozen phone calls have been received by the hotline for inquiries.

On December 11, 2000, the Regional Board issued a Cleanup and Abatement Order CAO-00-160 to Chevron U.S.A. Incorporated, Thrifty Oil Co, and Best California Gas Ltd. (Chevron/Thrifty/Best) for PRP Site No. 23 (former Chevron/Thrifty No. 247). The Order requires Chevron/Thrifty/Best to perform supplemental hydrogeologic investigations onsite and offsite between the site and the Charnock Wellfield, and to complete onsite and offsite soil and groundwater cleanup on a timely basis per the schedule set forth in the Order. On January 8, 2001, Chevron/Thrifty/Best initiated the field excavation activities in the fuel dispenser area of the former station. Three underground storage tanks were removed during March 2001. Chevron/Thrifty/Best has completed the remedial soil excavation and submitted a partial tank removal report on May 9, 2001. Chevron-Thrifty-Best has complete the installation of onsite vapor extraction wells and is currently installing 14 offsite groundwater monitoring well clusters between the site and the Charnock Wellfield and conducting onsite and offsite soil and groundwater remediation on a timely basis per the schedule set forth in the Order. The installation of the offsite wells is near completion. Per the Order, Chevron-Thrifty-Best also submitted a remedial action plan in May 2001 for cleanup of soil and perched groundwater onsite and offsite, which has been approved by Agencies for implementation.

Arcadia Wellfield MTBE Investigation

Jay Huang

Three aquifers were impacted by MTBE contamination. Two groundwater aquifers, the shallow aquifer and the production aquifer are located north of the Brentwood fault; the lower aquifer is located south of the fault. The shallow aquifer and lower aquifer in the vicinity of the former Mobil Station 18-LDM have been treated with a pump and treat system since October 1997. Currently approximately 16 gallons per minute (GPM) of groundwater are being pumped from 18 groundwater extraction wells of the shallow and lower aquifers and treated at the Mobil facility. To date (September 1, 2001) the treatment system has pumped 22.7 million gallons of groundwater and removed an estimated amount of 80.6 pounds of TPH and 210.3 pounds of MTBE. The average MTBE concentration in the shallow aquifer influent has been decreased from over 2,000 m g/L in 1998 to 72 m g/L in August 2001. The impacted soil in the vadose zone has been treated with a vapor extraction system (VES). The cumulative VOC mass removed is 13,1 pounds since May 1999.

A Production Aquifer Remediation System (PARS) using activated carbon filtering to clean up the production aquifer has been in operation since May 17, 2000. Currently groundwater from Arcadia Well No.5 are being pumped at 300 GPM and discharged to a storm drain. To date (September 1, 2001), PARS has pumped approximately 169.2 million gallons of groundwater and removed 0.51 pounds of MTBE. The average daily influent concentration of MTBE was less than 0.5 m g/L.

A spiking demonstration test designed to further evaluate system reliability and effectiveness has been conducted for 45 days and completed in December 2000. A Demonstration Test Report dated

July 2, 2001 has been submitted and reviewed by the California Department of Health Service (CDHS). CDHS has decided that no public hearing will be held prior to issuance of the permit amendment for the PARS treatment facility. After Mobil has submitted to CDHS the required Operation and Maintenance Plan, Engineering Report, Water Quality Monitoring Plan, and the Source Water Protection Plan, CDHS will issue a permit amendment to City of Santa Monica in November 2001. The treated water from Arcadia Well No. 5 will be routed to Santa Monica treatment plant for distribution to the public.

Analytical Modeling on Website for Public Use

Tom Shih

In order to implement State Board's "Final Draft Guidelines for Investigation and Cleanup of MTBE and Other Oxygenates ("Final Draft"), Regional Board staff have developed two mathematical analytical models for estimate of MTBE plume travel time. The two models are programmed in the Microsoft Excel Spreadsheet. The model software in Excel and the associated model manuals can be downloaded from the LARWQCB website at <http://www.swrcb.ca.gov/rwqcb4/html/ust/underground.html>. (Free of charge).

Completion of Corrective Action at Leaking Underground Fuel Storage Tank Sites

Regional Board staff have reviewed corrective actions taken for soil and/or groundwater contamination problems from leaking USTs for the time of August 27, 2001 through September 28, 2001, and determined that no further corrective actions are required:

Principal Capital Management 13827 Carmenita Avenue, Santa Fe Springs

International Window Corp. 5625 E. Firestone Boulevard, South Gate

Three day Blinds 1901 Westwood Boulevard, Los Angeles

CCC Auto Electric 12430 Carson Street, Hawaiian Gardens

UNDERGROUND STORAGE TANK PROGRAM

Charnock Sub-basin MTBE Investigation Area

Dr. Weixing Tong

Introduction: The Charnock Sub-Basin Investigation Area is located in the Central Groundwater Basin of the Los Angeles Coastal Plain. During March 1996, MTBE concentrations up to 610 mg/L was detected in the City of Santa Monica (CSM) wells, consequently in June 1996, the CSM shut down its five production wells. The Southern California Water Company (SCWC) has a wellfield adjacent to the CSM wellfield and shut down its two production wells in October 1996, to avoid drawing in MTBE pollution. No MTBE was ever detected in the SCWC production wells. During April 1997, the Regional Board and USEPA (jointly the "Agencies") signed a Memorandum of Understanding (MOU) to deal with the MTBE pollution problem affecting both the CSM and SCWC wellfields (collectively Charnock Wellfields). Pursuant to the MOU, the Agencies identified 48 potential responsible party sites (PRP sites) within one and one quarter mile radius of the wellfields (Charnock Sub-Basin Investigation Area). Based upon record search, 32 potential source sites were required to perform a preliminary investigation to determine the potential of soil and groundwater contamination. At present, there are 27 active sites in the Charnock Sub-Basin Investigation Area. Of the 27 active sites, there are 13 sites where additional site assessment work is required. Groundwater monitoring is being performed at 26 sites. A workplan for site assessment is currently prepared for the 27th site. Remedial action workplans for the soil and/or groundwater

have been approved for a total of 9 sites.

Site Specific Cleanup: Site specific cleanup technologies include air stripper, granular activated carbon adsorption, advanced oxidation process, and soil vapor extraction. The following are the current status of site-specific cleanup activities (See attached Figure for site locations):

PRP Site No. 4 (ARCO): Implement soil vapor extraction. To date approximately 50,033 pounds of total petroleum hydrocarbons have been removed from beneath the site.

PRP Site No. 8 (Mobil): Implement soils vapor extraction and groundwater pump and treat system. To date approximately 305 pounds of MTBE, 85 pounds of benzene, and 13,985 pounds of petroleum hydrocarbons have been removed by soil vapor extraction. Since November 1999, approximately 19.5 million gallons of groundwater have been pumped, treated and discharged under an NPDES permit. Approximately 692 pounds of petroleum hydrocarbons have been removed from groundwater underneath the site.

PRP Site No. 10 (Chevron): Implement soils vapor extraction and prepare groundwater pump and treat system. A vapor and groundwater extraction system (VEGE) has been approved and is under construction. In the meantime, a temporary portable dual phase remediation system has been delivered to the site and has operated at the since May 24, 2001. To date approximately 1,221 pounds of petroleum hydrocarbons have been removed by soil vapor extraction.

PRP Site No. 11 (Shell): Implement soil vapor extraction and onsite and offsite groundwater pump and treat system. A groundwater pump and treat is used to recover polluted groundwater and is then treated using an air stripper to remove MTBE followed by advanced oxidation process to remove TBA. To date approximately 82 million gallons of groundwater have been treated and discharged under an NPDES permit. Since the inception of the remediation system, 6,041.9 pounds of total petroleum hydrocarbons, 301.4 pounds of benzene and 1,440.5 pounds of MTBE have been removed from the site. The system influent concentrations for MTBE have decreased from 19,000 mg/L in November 1999, to 750 mg/L in July 2001. The soil vapor extraction system has been operated since September 2000. To date approximately 82.2 pounds of MTBE, 27.7 pounds of benzene, and 2,497.8 pounds of petroleum hydrocarbons have been removed by soil vapor extraction.

PRP Site No. 12 (Winall Oil): Implement soil vapor extraction. A soil vapor extraction system has been operating since May 2000, and has removed to date 14,106 pounds of petroleum hydrocarbons, 93.5 pounds of benzene, and 1,698 pounds of MTBE.

PRP Site No. 6 (Conoco): Implement pilot test for soil vapor extraction system.

PRP Site No. 16 (Tosco): Implement pilot test for soil vapor extraction system.

PRP Site No. 23 (Chevron-Thrifty-Best): Implement pilot test for soil vapor extraction and prepare soil vapor extraction and groundwater pump and treat system.

PRP Sites No. 1, No. 8, No. 15, No. 23, No. 40, and No. 44: Complete tank removal and/or upgrades.

Charnock Sub-basin Regional Approach: On the Charnock Sub-basin regional issues, the Regional Board and Shell have entered into a Stipulated Agreement containing a specified Scope of Work (SOW) to perform regional investigation and analysis of alternatives for both Interim Water Replacement and Interim Regional Response Actions. The Regional Board members at the August 31, 2000, meeting approved the Stipulated Agreement. As part of this investigation, a number of

groundwater monitoring have been installed into the Upper Silverado Aquifer to aid in determining plume source(s) and characteristics, and to perform periodic groundwater monitoring. This work will require development of a basin-wide flow model, development a GIS database, evaluate alternative drinking water sources within the Charnock Sub-Basin, evaluate methods of treating polluted groundwater, restoring the Charnock Sub-Basin Investigation Area to its full beneficial use, and provide a community relations plan. The work specified in the SOW is a necessary step to restore the drinking water supply at the Charnock Wellfields. Currently, fieldwork is ongoing, and twenty-six (26) regional wells have been completed to date. Shell has submitted a preliminary basin-wide groundwater flow model, January 2001, and the model is currently under review by the Agencies. All 26 sites in the Charnock Sub-Basin Investigation Area have been required to submit the site-specific water quality data for construction of GIS database. As of July 1, 2001, the data from all 26 sites have been entered into GIS database. The regional investigative report including regional assessment and recommendations of regional remedy will be submitted during November 2001. Regional Board and USEPA (Agencies) have also established an inquiry hotline in response to the community concerns regarding the drilling and sampling activities required by the agencies. So far several dozen phone calls have been received by the hotline for inquiries.

On December 11, 2000, the Regional Board issued a Cleanup and Abatement Order CAO-00-160 to Chevron U.S.A. Incorporated, Thrifty Oil Co, and Best California Gas Ltd. (Chevron/Thrifty/Best) for PRP Site No. 23 (former Chevron/Thrifty No. 247). The Order requires Chevron/Thrifty/Best to perform supplemental hydrogeologic investigations onsite and offsite between the site and the Charnock Wellfield, and to complete onsite and offsite soil and groundwater cleanup on a timely basis per the schedule set forth in the Order. On January 8, 2001, Chevron/Thrifty/Best initiated the field excavation activities in the fuel dispenser area of the former station. Three underground storage tanks were removed during March 2001. Chevron/Thrifty/Best has completed the remedial soil excavation and submitted a partial tank removal report on May 9, 2001. Chevron-Thrifty-Best is currently installing 14 offsite groundwater monitoring well clusters between the site and the Charnock Wellfield and conducting onsite and offsite soil and groundwater remediation on a timely basis per the schedule set forth in the Order. Per the Order, Chevron-Thrifty-Best also submitted a remedial action plan in May 2001 for cleanup of soil and perched groundwater onsite and offsite, which has been approved by Agencies for implementation.

Arcadia Wellfield MTBE Investigation

Jay Huang

In the vicinity of the Santa Monica Arcadia Wellfield, three aquifers were impacted by MTBE pollution. Two aquifers, the shallow aquifer and the production aquifer are located north of the Brentwood fault; the third aquifer, called the lower aquifer, is located south of the fault. The shallow aquifer and lower aquifer in the vicinity of the former Mobil Station 18-LDM, located at 12054 Wilshire Boulevard, Los Angeles, have been treated with a pump and treat system since October 1997.

Currently, approximately 9 gallons per minute (gpm) of polluted groundwater is being pumped from 17 groundwater extraction wells installed in the shallow and lower aquifers and treated at the former Mobil facility.

To date (June 15, 2001) the treatment system has pumped 20.83 million gallons of polluted groundwater and removed an estimated 79.8 pounds of petroleum hydrocarbons as gasoline (TPH) and 208.8 pounds of MTBE. The average MTBE concentration in the shallow aquifer influent has decreased from over 2,000 mg/L in 1998 to 55 mg/L in 2001. The impacted soil in the vadose zone has been treated with a vapor extraction system (VES). The cumulative mass removed is approximately 12,600 pounds since May 1999.

A Production Aquifer Remediation System (PARS) using activated carbon filtering to clean up the production aquifer has been in operation since May 17, 2000. Currently groundwater from Arcadia

Well No. 5 is being pumped at 300 gpm and discharged to a storm drain. To date (June 15, 2001), PARS has pumped approximately 129.3 million gallons of groundwater and removed 0.51 pounds of MTBE. The average daily influent concentration of MTBE has decreased from approximately 86 m g/L to 0.12 m g/L.

A "final stage" type of spiking demonstration test designed to further evaluate treatment system reliability and effectiveness was conducted for 45 days and completed in December 2000. A Draft Demonstration Test was submitted to the California Department of Health Service (CDHS) in July 2001. On July 27, 2001, CDHS made a decision to waive the public hearing under the agency's Policy 97-005, citing the low influent concentration of MTBE and other constituents in the water. Therefore, the treated groundwater from Arcadia Well No. 5 will be routed to Santa Monica treatment plant for distribution to the public later this year.

GEIMS/Geotracker System

Nhan Bao

The Los Angeles Region has completed the transition from LUSTIS to GEIMS/Geotracker as of August 16, 2001. We are currently tracking our leaking underground storage tank cases online in "real time". The Regional Board Underground Storage Tanks' web page has been modified to provide viewer with a direct link to the GEIMS/Geotracker home page. GEIMS/Geotracker is available to the public and can be accessed through the following link:

<http://geotracker.swrcb.ca.gov/>. Improvements to GEIMS/Geotracker system, however, are still ongoing. Region Board staff is scheduled to attend a State Board sponsored conference in San Diego this September to share our opinions and workout our specific needs to customize the database to include additional data fields used at this Regional Board.

SB 592 MTBE Reporting

Nhan Bao

On July 20, 2001, staff sent MTBE reports, required under SB 592, to all public water system operators, local oversight program, and local implementing agencies within the jurisdiction of the Los Angeles Region. The report lists discharges of MTBE and the locations where MTBE was detected in surface water, soil and/or groundwater and covers the period from April 12, 2001, to July 19, 2001. This report is being generated on a quarterly basis and can be downloaded from our web page at <http://www.swrcb.ca.gov/~rwqcb4>.

Completion of Corrective Action at Leaking Underground Fuel Storage Tank Sites

Regional Board staff have reviewed corrective actions taken for soil and/or groundwater contamination problems from leaking UST's for the time of August 6, 2001 through August 24, 2001, and determined that no further corrective actions are required.

SURFACE WATER DIVISION

Watershed Regulatory

Santa Clara River Estuary Workgroup Meeting

T. Don Tsai

On July 31, 2001, Regional Board staff met with staff from the Department of Fish and Game, the California State Parks Channel Coast District, and the Ventura Water Reclamation Plant. The purpose of this two-hour meeting was to discuss and make comments on the study plan of "Santa Clara River Estuary Natural Preserve, Prospectus for Special Studies" proposed by Mr. Terry Parr, a consultant of Environmental Trust for California State Parks.

This meeting decided six tasks to help conduct this study plan, which are

Task 1: Development of GIS based mapping and data base management system

Task 2: Identification of the input criteria methodology for estuary

Task 3: Establishment of the function of estuary

Task 4: Analysis of sediment and tissue contamination

Task 5: Modeling of mass loading inputs of contaminants into the estuary system

Task 6: Examination of sources of bacterial contamination

The results of these studies may develop mapping and data base management system, identify the protocol for the estuary, establish the estuary function and a model of mass loading of contaminants in order to have a better understanding on the nature of estuaries at the southern California.

General Permitting Activity

Augustine Anijielo

A summary of all General Permit enrollments, revisions, and recessions since the last EO Report is shown on Attachment "B". The dischargers are listed by general permit type, then facility name.

On July 31, 2001, Regional Board staff met with staff from the Department of Fish and Game, the California State Parks Channel Coast District, and the Ventura Water Reclamation Plant. The purpose of this two-hour meeting was to discuss and make comments on the study plan of "Santa Clara River Estuary Natural Preserve, Prospectus for Special Studies" proposed by Mr. Terry Parr, a consultant of Environmental Trust for California State Parks.

This meeting decided six tasks to help conduct this study plan, which are

Task 1: Development of GIS based mapping and data base management system

Task 2: Identification of the input criteria methodology for estuary

Task 3: Establishment of the function of estuary

Task 4: Analysis of sediment and tissue contamination

Task 5: Modeling of mass loading inputs of contaminants into the estuary system

Task 6: Examination of sources of bacterial contamination

The results of these studies may develop mapping and data base management system, identify the protocol for the estuary, establish the estuary function and a model of mass loading of contaminants in order to have a better understanding on the nature of estuaries at the southern California.

General Permitting Activity

Augustine Anijielo

A summary of all General Permit enrollments, revisions, and recessions since the last EO Report is shown on Attachment "B". The dischargers are listed by general permit type, then facility name.

REGIONAL PROGRAMS

STANDARDS AND TOTAL MAXIMUM DAILY LOADS (TMDLs)

The Dominguez Channel Watershed Advisory Council (DCWAC) met on August 1, 2001 to discuss and reach consensus on the master plan development outline. The council approved the outline, in principle, and directed the DC Outline Committee to develop and to issue a Request for Proposal (RFP) for consulting services to support the master plan development. Jonathan Bishop, Mark Pumford, and Tony Rizk represented the Regional Board.

On August 1, 2001, following the DCWAC meeting, the Dominguez Channel TMDL committee met to discuss TMDL development issues. The Regional Board distributed a draft document that compiles a host of data, photographs, GIS maps, and support documentation that are relevant to the DC TMDL development effort. The data included dry and wet weather water quality analysis that demonstrates impairment for metals, coliform, and ammonia. Further, the Regional Board presented to the committee a preliminary draft technical work plan, a.k.a., Preliminary Plan (PP) designed to control data gaps and to assist the development of a science based TMDL. Jonathan Bishop and Tony Rizk represented the Regional Board.

On August 16, 2001, the TMDL committee met again and adopted the Preliminary Plan (PP) to guide the TMDL scientific studies. Further, the committee began the process of assessing each element in the PP and expanding it to address logistical details and implementation steps. In this context, the committee decided, with support from the Regional Board and the Los Angeles Sanitation District, to request SCCWRP assistance and facilitation of these studies. Melinda Becker and Tony Rizk represented the Regional Board.

On August 21, 2001, the DC Outline Committee finalized the scope of work that will be issued in the RFP for consultation services in support of the Area Master Plan. Shirley Birosik and Tony Rizk represented the Regional Board.

On August 27, the TMDL committee met again to discuss the PP and to prepare a list of questions and issues to discuss with SCCWRP in an upcoming meeting on August 30, 2001. Tony Rizk represented the Regional Board.

On a separate issue, the Regional Board staff has been pursuing a fact-finding mission of a diversion installed in Dominguez Channel at the Del Amo Bridge site construction. The diversion appears to have been installed without adequate environmental review, and has resulted in an impact on the aquatic environment, as well as on sensitive biological wildlife, including birds and fish populations. Regional Board staff are coordinating with LA County DPW, City of Carson, California Department of Fish and Game, and US Army Corps of Engineers. The fact finding is near completion. Appropriate actions are being identified.

For more information, please contact Tony Rizk, at 213-576-6756.

Energy Crisis

Tony Rizk

In response to the energy crisis, the State Board, in coordination with the Regional Boards formed an energy team to support Governor Davis effort to solve the energy crisis.

To this extent, Regional Board staff is coordinating with the California Energy Commission (CEC) on water quality issues at the El Segundo power plant, Magnolia Power Plant, and Malburg Generating Station.

For more information, please contact Tony Rizk, at 213-576-6756.

Statewide Pesticide Working Group

Tony Rizk

The Regional Board staff are identifying data needs to submit to DPR for funding in support of TMDL development for the next two to three years. A preliminary list of data needs was sent to DPR late August, 2001.

For more information, please contact Tony Rizk, at 213-576-6756.

Marina Del Rey

Tony Rizk

The Los Angeles County Department of Beaches and Harbors (Beaches and Harbors) is coordinating with the Regional Board to develop a mitigation plan for coliform impairment in Basin D Marina Beach, a.k.a., Mother's beach. The California Clean Beaches Initiatives, the State Board Cleanup and Abatement account, and the Beaches and Harbors own funds will jointly fund the mitigation plan.

The Regional Board intended to vote on a resolution to support this effort in August 20, 2001. Due to no quorum, the vote was postponed until the Regional Board meeting on September 19, 2001.

Regional Board staff continue to coordinate with the USEPA on the development of TMDLs for metals in the back basins of Marina Del Rey. Regional Board staff provided the EPA with pertinent GIS maps that included land uses and drainage areas.

For more information, please contact Tony Rizk, at 213-576-6756.

Santa Clara River Chloride TMDL

Elizabeth Erickson

A public workshop was held on September 6 in Ventura to discuss the status of the chloride TMDL

and gather stakeholder comments. The TMDL describes the chloride impairment at the Blue Cut Gauging station near the Los Angeles/Ventura County line, identifies the source of 80 % of the chloride as point sources, includes a numeric target which is close to the water quality objective based on a statistical evaluation of the historic data, and contains an implementation plan with sufficient time to complete additional hydrological studies, pollution prevention plans, re-evaluate the TMDL limits and design and construct a more costly desalting system. Comments were received from growers, city planners, landowners and waste discharge operators. The TMDL is scheduled to be released for public comment in October and is tentatively scheduled to be presented to the Regional Board in December.

Santa Clara River Nutrients and Effects TMDL

Elizabeth Erickson

A sampling plan was completed for the dry season sampling of critical conditions of the Santa Clara River to determine the extent of the impairment due to nutrients. A UCLA led team collected the first set of samples on the Todd Baranca, an agricultural drain that is tributary to the river. Benthic invertebrates, water chemistry data and riparian habitat data were collected in this month-long effort. Stakeholder and landowner comments were used to improve the sample design.

Seminar on Reducing Salt Loading using Agricultural Methods

Elizabeth Erickson

A seminar was presented at the University of California Irvine to hear research presentations on methods to reduce salt loading. Ongoing experiments at UC Davis demonstrate that genetically altered tomato and cannola plants remove sodium from the applied irrigated water with minimal impact to crops. Removal of the plant remains can remove salt that would otherwise be retained in the soil even when the applied water has salinity close to seawater. Research at the Salinity Management Laboratory at UC Riverside identified species of sodium, selenium, and boron tolerant crops. A description of desalter projects completed during the implementation of EPA's salt TMDL for the Colorado River watershed included modifications of agricultural practices aimed at reducing runoff from naturally saline soils, lining agricultural canals, extraction and removal of saline groundwater, and reverse osmosis systems powered by hydroelectric power. A researcher from UC Irvine described the construction of artificial wetlands to remove salts and nutrients from confined animal operation effluent. Sustained reductions in all nutrient species and some metals were observed even during the first year of operation.

McGrath Lake Watershed

Lisa Carlson

On September 5, Regional Board staff attended a stakeholder meeting with the McGrath Lake Watershed group at Department of Fish and Game offices in Ventura. The group discussed its request for proposal to obtain a consultant to assemble all documentation on water quality data for the McGrath Lake watershed and identify data gaps.

The Watershed group has funds, which will be used to hire a consultant to report on the status of data on the McGrath Lake Watershed. Regional Board staff assisted in the preparation of this request for proposal. The data from the resulting report may be used to develop a TMDL for coliform for presentation to the Regional Board in 2002. For further information, please contact Lisa Carlson at (213) 576-6690.

Ballona Creek Watershed Stakeholders Meeting

Ginachi Amah

Staff attended the first Ballona Creek Watershed Stakeholders meeting held on August 9, 2001, at

the City Hall in Culver City. Los Angeles County Department of Public Works partnered with the Santa Monica Bay Restoration Project (SMBRP) and Ballona Creek Renaissance to obtain funding for the development of a Watershed Management Plan. The purpose of this meeting was to encourage stakeholder participation in the development of this plan. Approximately fifty-five people were in attendance. An overview of the project elements and their time frames were presented by staff of the SMBRP. The "Ballona Creek Task Force" was adopted as the name for the stakeholder group. For more information, please contact Ginachi Amah at (213) 576-6685.

UCLA Monitoring Contract

Staff collaborated with UCLA researchers in the selection of sample sites for a study of nutrients effects under varying habitat types. The study will include benthic invertebrate and water chemistry sampling. In the upper watershed, sample sites were identified to describe the aquatic community and quantify chemical parameter associated with background conditions, downstream from horse properties and urban development. In the lower watershed, sites were identified to characterize background conditions, and conditions downstream from orchards and municipal waste discharges.

Watershed Group Planning Meeting

Elizabeth Erickson

Staff presented an update on the Chloride TMDL to the Santa Clara River Watershed Advisory Group coordinated by Los Angeles County Department of Public Works in Santa Clarita on August 13, 2001. The attendees included Los Angeles County Regional Planning, Sanitation Districts of Los Angeles County, Metropolitan Water District, Los Angeles County Flood Control, Santa Clarita Planning, Santa Clara River Organization for Planning and the Environment (SCOPE), Fish and Game, and CalTrans.

A draft document for the Upper Santa Clara Chloride TMDL has been prepared and is undergoing internal review. The TMDL is scheduled for public and peer review in October and to be presented to the Regional Board on December 13, 2001.

Staff last brought the item to the Regional Board on December 7, 2000. The chloride objectives for the Santa Paula reach was changed from 80 to 100 mg/L and staff was requested to complete a TMDL for the Santa Clarita reaches. For further information, please call Melinda Becker at (213) 576-6681 or Elizabeth Erickson at (213) 576-6683.

Sampling Events with Hyperion

Tracy Patterson

On August 8, 2001, and August 14, 2001, Regional Board staff accompanied staff from the City of Los Angeles Hyperion Wastewater Treatment Plant during their semiannual ocean monitoring sampling events. Water quality data was recorded and samples obtained using a CTD and Rosette sampler to provide a depth profile of many parameters including, but not limited to, temperature, salinity, pH, dissolved oxygen, and chlorophyll-a. Water samples were obtained for bacteriological analyses. Additionally, sediment samples were taken using a Van Veen grab to process sediment chemistry analyses and to determine the composition of the benthic invertebrate population. This data will be used to determine and record the effects of Hyperion's effluent discharge outfall on the harbor and surrounding bay. For more information, please contact L.B. Nye at (213) 576-6793 or Tracy Patterson at (213) 576-6661.

Surface Water Ambient Monitoring Program (SWAMP) Roundtable

Tracy Patterson

The State Board, Regional Boards, and California Department of Fish and Game held the second of

three multiple-day workshops in Rancho Cordova on August 28-29, 2001, to help coordinate the Surface Water Ambient Monitoring Program. Approximately 20 persons attended this meeting, including representatives of the Regional Boards, the State Board, California Department of Fish and Game, the U.S. Geologic Society, UC Davis, and Frontier Geoscience. The purpose of the workshop was to review analytical laboratory issues and to discuss and resolve technical issues pertaining to the analysis of environmental samples in regard to the SWAMP. The August SWAMP roundtable meeting was cancelled. The next workshop will focus on biological and toxicity related sampling issues and is tentatively scheduled to be held at UC Davis on September 25-26, 2001.

The next SWAMP roundtable is scheduled on September 26, 2001, following the conclusion of the workshop. For more information, please contact Tracy Patterson at (213) 576-6661.

WATERSHED MANAGEMENT

Calleguas Creek Watershed

The Calleguas Creek Watershed Management Plan Committee was convened in 1996 to initiate development of a comprehensive watershed management plan. A large group of stakeholders, including federal, state, and local agencies, landowners, businesses, and nonprofit organizations are represented. An Executive Steering Committee, consisting of a much smaller group of stakeholders, guides the day-to-day activities of the watershed group. Subcommittees have changed through time but currently target Water Resources/Water Quality, Flood Protection and Sediment Management, Habitat/Open Space/Recreation, Land Use, and Public Outreach/Education. Subcommittees generally meet monthly or bimonthly. Information about the management committee and its subcommittees can be found at <http://www.calleguas.com/cc.htm>

The Executive Steering Committee last met on June 5 as part of a workshop to work on the structure of the watershed plan document.

The Water Quality/Water Resources Subcommittee last met on May 15 and had discussions on the Board's triennial review as well as the status of the nutrient TMDL. Clean Water Act 205(j) monies have funded an evaluation of nonpoint source contributions with the goal of developing nutrient loadings. A public review draft of the Calleguas Creek Nutrient TMDLs report can be found at <http://www.calleguas.com/>

The Flood Protection/Sedimentation Subcommittee last met on September 10. They are currently involved with modeling the watershed's hydrology as well as erosion and sedimentation.

The Public Outreach/Education Subcommittee last met on October 4.

A Land Use Subcommittee last met on October 23.

The Habitat/Recreation Subcommittee met on September 11 and continues oversight of the vegetation mapping component of a wetlands study. A previous work product, funded by the California Coastal Conservancy, is the Watershed Wetlands Restoration Plan available at <http://www.calleguas.com/cc.htm>. Prioritization of sites identified in the Restoration Plan will be the next step and will be contracted out.

Los Angeles River Watershed

The Los Angeles and San Gabriel Rivers Watershed Council meets on the third Wednesday of each month. The Watershed Council is a consortium of government agencies, community and

environmental groups, business and academia who organized both to resolve and prevent problems in the watershed in a cooperative, collaborative manner.

Formation of the Watershed Council grew out of a conference held in 1995 to discuss how to initiate and/or implement watershed management objectives in the greater Los Angeles Area. Stakeholders in attendance agreed to continue meeting and begin a multi-purpose cooperative watershed management process that is open to the public. The Council's website is at <http://www.lasgriverswatershed.org>.

The September 19 meeting of the Watershed Council included an update by the Regional Board of the nitrogen TMDL for the Los Angeles River.

The Friends of the LA River has a Los Angeles River e-mail discussion forum. To subscribe, e-mail to la-river-discuss-subscribe@makelist.com. To view archives of past Los Angeles River discussions on the Internet, go to <http://www.egroups.com/list/la-river-discuss>

San Gabriel River Watershed

A "State of the Watershed" report is available for the San Gabriel River Watershed which was prepared by Regional Board staff in 2000. The report describes the watershed, with its many diversion structures and recharge areas, and summarizes available water quality data in a manner easily understood by the layperson. The complete set of data evaluated for the report (as well as the report itself) is available electronically by contacting Shirley Birosik at sbirosik@rb4.swrcb.ca.gov. Hardcopies of the report are also available.

There are ongoing meetings being held for planning of a San Gabriel River Education Center which may be built in the Whittier Narrows area. Meetings are held on the third Tuesday of each month at 3:00 PM at the Upper San Gabriel Valley Municipal Water District offices.

In 1999, the Los Angeles County Board of Supervisors directed the Department of Public Works (in cooperation with the County Departments of Parks and Recreation and Regional Planning) to prepare a San Gabriel River Master Plan. The National Park Service through its Rivers, Trails, and Conservation Assistance Program will assist in the development effort. All river stakeholders have been invited to participate. The Master Plan will be a consensus-based document that will recognize and address River issues and concerns of the stakeholders. It will include areas within existing rights of way from Morris Dam in the San Gabriel Mountains to the River's outlet in Seal Beach. The Master Plan will identify project opportunities for: enhancements for recreation, open space, and habitat areas; restoration; preservation of the River's natural resources; maintaining flood protection and existing water rights. The Master Plan effort will be coordinated with the activities of the recently formed San Gabriel and Lower Los Angeles Rivers and Mountain Conservancy. The final Master Plan is expected to be ready for approval in 2003. Information on the Master Plan effort may be found at <http://www.dpw.co.la.ca.us/pln/sgrmp>.

The San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy has produced a draft Guiding Principles Watershed and Open Space Plan which may be obtained at <http://www.rmc.ca.gov/>. The Conservancy is an independent State agency within the Resources Agency of the State of California established by state law in 1999. Its jurisdiction includes the San Gabriel River and its tributaries, the Lower Los Angeles River and its tributaries, and the San Gabriel Mountains, Puente Hills, and San Jose Hills. It was established to preserve urban open space and habitats in order to provide for low-impact recreation and educational uses, wildlife and habitat restoration and protection, and watershed improvements within its jurisdiction.

The Friends of the San Gabriel River is an active stakeholder in the watershed and their website is at <http://www.sangabrielriver.org/>.

Santa Monica Bay Watershed Management Area – Malibu Creek Watershed

The Malibu Creek Watershed Executive and Advisory Council have met on a bimonthly basis for many years and is concerned with a variety of human health and habitat issues. Current active committees/task forces under the Council include those focusing on lagoon water level management, exotic species, steelhead trout recovery, human health, education/outreach, flow reduction, and volunteer monitoring.

Lagoon water level management is addressed by the Malibu Lagoon Task Force. The group has finalized a priority list of wetlands restoration options as well as general Best Management Practices for the watershed and now is pursuing implementation. The group last met on June 19. Future meetings will likely be on a sporadic basis as a major project behind formation of the group has been completed.

The Malibu Creek Watershed Executive and Advisory Council last met on September 4 and included a report on subcommittee activities as well as a report by the Regional Board on the progress of nutrient and coliform TMDLs in the watershed, a presentation by the Regional Board on the status of the Los Angeles County Stormwater NPDES permit, and a presentation by the Las Virgenes Municipal Water District on the relation between tide heights and coliform levels in the lagoon and along local beaches. The Council's next meeting is scheduled for November 20.

Santa Monica Bay Watershed Management Area – Topanga Creek Watershed

A watershed committee has been meeting in the Topanga Creek Watershed since 1998. This group was formed as a followup to the Topanga Canyon Floodplain Management Citizens' Advisory Committee which produced a draft Topanga Creek Watershed Management Plan in 1996. A major goal of the watershed committee is to prioritize potential watershed protection actions previously identified, participate in a coordinated resource management planning (CRMP) process, and finalize the draft watershed management plan. The committee met on September 20 and focused on revisions to the draft Watershed Management Plan.

The group's next meeting is scheduled for October 20 and will include a presentation on the results of recent water quality monitoring. Their website address is <http://www.TopangaOnline.com/twc/>.

The group's Technical and Landowners Advisory Committee provides oversight for a feasibility study that will help develop design parameters for possible restoration of the Topanga Lagoon. The Committee last met on October 2 and will meet again on November 27.

Dominguez Channel Watershed

A Dominguez Channel Watershed Advisory Committee was formed in February of this year and meets on a monthly basis to conduct a variety of tasks including development of a Watershed Management Master Plan aimed at protecting and improving the environment and beneficial uses of the watershed. Proposition 13 funding (\$200,000) was approved by the State Water Resources Control Board for the LA County Department of Public Works to work on a watershed plan. The complete list of issues to be addressed are still being developed. Many members of the group will also likely participate in Regional Board TMDL work in the watershed. Subcommittees have been formed to concentrate on selecting a consultant to begin writing the watershed plan, deal with detailed technical issues, and pursue additional funding. Meetings are held on the first Wednesday of each month. A website for the group is in development.

Southern California Wetlands Recovery Project

The Southern California Wetlands Recovery Project is a partnership of public agencies working cooperatively to acquire, restore, and enhance coastal wetlands and watersheds between Point Conception and the International border with Mexico. Using a non-regulatory approach and an ecosystem perspective, the Wetlands Project works to identify wetland acquisition and restoration priorities, prepare plans for these priority sites, pool funds to undertake these projects, implement priority plans, and oversee post-project maintenance and monitoring.

The Wetlands Project is headed by Board of Governors comprised of top officials from each of the participating agencies. The Southern California Wetlands Managers Group and the Public Advisory Committee serve as advisory committees to the Board. The Wetlands Managers Group is responsible for drafting the regional restoration plan and advising the Governing Board on regional acquisition, restoration, and enhancement priorities. The Wetlands Project has also established a panel of scientists to advise on regional goals, specific objectives, project criteria, and priorities. Governing Board meetings are public and are noticed at least 10 days prior to each meeting. If you sign up on the [Wetlands Project email list](#), you will receive email notification of all board meetings. Minutes from previous meetings and other information about the group may be found on their website at <http://www.coastalconservancy.ca.gov/scwrp/index.html>. The last Board of Governors meeting was held on May 18 and included adoption of this year's priorities for funding. Additionally, Proposition 13 funding for a regional wetlands plan was approved by the State Board. Meetings with the Los Angeles County and Ventura County Task Forces occurred during July and August to gather input on regional wetlands needs. A forum (to include a Board of Governors meeting) on wetlands issues will take place on November 29 and 30 in Dana Point.

Watershed Management Initiative Chapter

Each Regional Board updates a "chapter" on an annual basis which describes how that Board is implementing watershed management. The last update occurred in December 2000. The consolidated statewide document is the basis for many funding decisions including allocating money for monitoring, TMDL development, and grant monies disbursement. Copies of this Region's current Chapter (as well as Appendices) may be obtained by contacting the Regional Board office, Regional Programs Section secretary at 213-576-6619. The document may also be sent out electronically (in MSWord97) and is available on the Regional Board's webpage (under Regional Programs) at <http://www.swrcb.ca.gov/~rwqcb4>.

Funding

Information on a wide variety of funding sources is available on the Regional Board webpage along the left side under "Grant Funding Sources" as both a Word97 document and Adobe Acrobat file.

Proposition 13 Funding: The Request for Proposals (RFPs) for Phase II funding was tentatively scheduled to be released in September with a due date in January 2001; however, the release has been delayed an undetermined amount of time. When released, the RFP will be available on the State Board's website at <http://www.swrcb.ca.gov/>.

205(j) and 319(h) Funding: State and Regional Board management are now in the process of reviewing the ranked list of proposals developed by State and Regional Board staff in August. This list will be considered by State Board for adoption at an upcoming Board meeting.

Calleguas Creek Watershed

The Calleguas Creek Watershed Management Plan Committee was convened in 1996 to initiate development of a comprehensive watershed management plan. A large group of stakeholders, including federal, state, and local agencies, landowners, businesses, and nonprofit organizations are represented. An Executive Steering Committee, consisting of a much smaller group of stakeholders, guides the day-to-day activities of the watershed group. Subcommittees have changed through time but currently target Water Resources/Water Quality, Flood Protection and Sediment Management, Habitat/Open Space/Recreation, Land Use, and Public Outreach/Education. Subcommittees generally meet monthly or bimonthly. Information about the management committee and its subcommittees can be found at <http://www.calleguas.com/cc.htm>

The Executive Steering Committee last met on June 5 as part of a workshop to work on the structure of the watershed plan document and is tentatively scheduled to meet next in mid-September. A meeting for the larger stakeholder group is also tentatively scheduled for September.

The Water Quality/Water Resources Subcommittee last met on May 15 and had discussions on the Board's triennial review as well as the status of the nutrient TMDL. Clean Water Act 205(j) monies have funded an evaluation of nonpoint source contributions with the goal of developing nutrient loadings. A public review draft of the Calleguas Creek Nutrient TMDLs report can be found at <http://www.calleguas.com/>

The Flood Protection/Sedimentation Subcommittee last met on September 10. They are currently involved with modeling the watershed's hydrology as well as erosion and sedimentation.

The Public Outreach/Education Subcommittee last met on August 15 and is scheduled to meet again on October 4.

A Land Use Subcommittee includes representatives from local planning agencies. This subcommittee last met August 28.

The Habitat/Recreation Subcommittee met on September 4 and continues oversight of the vegetation mapping component of a wetlands study. A previous work product, funded by the California Coastal Conservancy, is the Watershed Wetlands Restoration Plan available at <http://www.calleguas.com/cc.htm>. Prioritization of sites identified in the Restoration Plan will be the next step and will be contracted out. The next meeting of the group is scheduled for September 4.

Los Angeles River Watershed

The Los Angeles and San Gabriel Rivers Watershed Council meets on the third Wednesday of each month. The Watershed Council is a consortium of government agencies, community and environmental groups, business and academia who organized both to resolve and prevent problems in the watershed in a cooperative, collaborative manner.

Formation of the Watershed Council grew out of a conference held in 1995 to discuss how to initiate and/or implement watershed management objectives in the greater Los Angeles Area. Stakeholders in attendance agreed to continue meeting and begin a

multi-purpose cooperative watershed management process that is open to the public. The Council's web site is at <http://www.lasgriverswatershed.org>.

The August 15 meeting of the Watershed Council included a presentation on brush clearance of flood control channels by Los Angeles County Public Works and a workshop for the Los Angeles County Task Force of the Southern California Wetlands Recovery Project.

The Friends of the LA River has a Los Angeles River e-mail discussion forum. To subscribe, e-mail to la-river-discuss-subscribe@makelist.com. To view archives of past Los Angeles River discussions on the Internet, go to <http://www.egroups.com/list/la-river-discuss>

San Gabriel River Watershed

A "State of the Watershed" report is available for the San Gabriel River Watershed which was prepared by Regional Board staff in 2000. The report describes the watershed, with its many diversion structures and recharge areas, and summarizes available water quality data in a manner easily understood by the layperson. The complete set of data evaluated for the report (as well as the report itself) is available electronically by contacting Shirley Birosik at sbirosik@rb4.swrcb.ca.gov. Hardcopies of the report are also available.

There are ongoing meetings being held for planning of a San Gabriel River Education Center which may be built in the Whittier Narrows area. Meetings are held on the third Tuesday of each month at 3:00 PM at the Upper San Gabriel Valley Municipal Water District offices.

In 1999, the Los Angeles County Board of Supervisors directed the Department of Public Works (in cooperation with the County Departments of Parks and Recreation and Regional Planning) to prepare a San Gabriel River Master Plan. The National Park Service through its Rivers, Trails, and Conservation Assistance Program will assist in the development effort. All river stakeholders have been invited to participate. The Master Plan will be a consensus-based document that will recognize and address River issues and concerns of the stakeholders.

It will include areas within existing rights of way from Morris Dam in the San Gabriel Mountains to the River's outlet in Seal Beach. The Master Plan will identify project opportunities for: enhancements for recreation, open space, and habitat areas; restoration; preservation of the River's natural resources; maintaining flood protection and existing water rights. The Master Plan effort will be coordinated with the activities of the recently formed San Gabriel and Lower Los Angeles Rivers and Mountain Conservancy. The final Master Plan is expected to be ready for approval in 2003. Information on the Master Plan effort may be found at <http://www.dpw.co.la.ca.us/pln/sgrmp>.

The San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy has produced a draft Guiding Principles Watershed and Open Space Plan which may be obtained at <http://www.rmc.ca.gov/>. The Conservancy is an independent State agency within the Resources Agency of the State of California established by state law in 1999. Its jurisdiction includes the San Gabriel River and its tributaries, the Lower Los Angeles

River and its tributaries, and the San Gabriel Mountains, Puente Hills, and San Jose Hills. It was established to preserve urban open space and habitats in order to provide for low-impact recreation and educational uses, wildlife and habitat restoration and protection, and watershed improvements within its jurisdiction.

The Friends of the San Gabriel River is an active stakeholder in the watershed and their web site is at <http://www.sangabrielriver.org/>.

Santa Monica Bay Watershed Management Area – Malibu Creek Watershed

The Malibu Creek Watershed Executive and Advisory Council have met on a bimonthly basis for many years and is concerned with a variety of human health and habitat issues. Current active committees/task forces under the Council include those focusing on lagoon water level management, exotic species, steelhead trout recovery, human health, education/outreach, flow reduction, and volunteer monitoring.

Lagoon water level management is addressed by the Malibu Lagoon Task Force . The group has finalized a priority list of wetlands restoration options as well as general Best Management Practices for the watershed and now is pursuing implementation. The group last met on June 19 and will be presenting its lists of recommendations to the Malibu City Council in September. Future meetings will likely be on a sporadic basis as a major project behind formation of the group has been completed.

The Malibu Creek Watershed Executive and Advisory Council last met on June 19 and included a report on subcommittee activities as well as a presentation by the Council of Governments on the Area Watershed Management Plan. The Plan is available at <http://www.dpw.co.la.ca.us/wmd/watershed/mc/wmap.cfm>. The Council's next meeting is scheduled for September 4.

Santa Monica Bay Watershed Management Area – Topanga Creek Watershed

A watershed committee has been meeting in the Topanga Creek Watershed since 1998. This group was formed as a followup to the Topanga Canyon Floodplain Management Citizens' Advisory Committee which produced a draft Topanga Creek Watershed Management Plan in 1996. A major goal of the watershed committee is to prioritize potential watershed protection actions previously identified, participate in a coordinated resource management planning (CRMP) process, and finalize the draft watershed management plan. The committee met on July 26 and focused on updates on grants and research projects as well as revisions to the draft Watershed Management Plan. The group's next meeting is scheduled for September 12 and the focus will be on revising the draft Management Plan. Their web site address is <http://www.TopangaOnline.com/twc/>.

The group's Technical Advisory Committee (TAC) provides oversight for watershed monitoring and studies that will help develop design parameters for possible restoration of the Topanga Lagoon. The TAC last met on June 18.

Dominguez Channel Watershed

A Dominguez Channel Watershed Advisory Council was formed in February of this year and meets on a monthly basis to conduct a variety of tasks including development of a Watershed Management Master Plan aimed at protecting and improving the environment and beneficial uses of the watershed. Proposition 13 funding (\$200,000) was recently approved by the State Water Resources Control Board for the LA County Department of Public Works to work on a watershed plan. The complete list of issues to be addressed are still being developed. Many members of the group will also likely participate in Regional Board TMDL work in the watershed. Subcommittees have been formed to concentrate on developing an outline for the watershed plan and deal with detailed technical issues. Meetings are held on the first Wednesday of each month. A web site for the group is in development.

Southern California Wetlands Recovery Project

The Southern California Wetlands Recovery Project is a partnership of public agencies working cooperatively to acquire, restore, and enhance coastal wetlands and watersheds between Point Conception and the International border with Mexico. Using a non-regulatory approach and an ecosystem perspective, the Wetlands Project works to identify wetland acquisition and restoration priorities, prepare plans for these priority sites, pool funds to undertake these projects, implement priority plans, and oversee post-project maintenance and monitoring.

The Wetlands Project is headed by Board of Governors comprised of top officials from each of the participating agencies. The Southern California Wetlands Managers Group and the Public Advisory Committee serve as advisory committees to the Board. The Wetlands Managers Group is responsible for drafting the regional restoration plan and advising the Governing Board on regional acquisition, restoration, and enhancement priorities. The Wetlands Project has also established a panel of scientists to advise on regional goals, specific objectives, project criteria, and priorities. Governing Board meetings are public and are noticed at least 10 days prior to each meeting. If you sign up on the [Wetlands Project email list](#), you will receive email notification of all board meetings. Minutes from previous meetings and other information about the group may be found on their web site at <http://www.coastalconservancy.ca.gov/scwrp/index.html>. The last Board of Governors meeting was held on May 18 and included adoption of this year's priorities for funding. Additionally, Proposition 13 funding for a regional wetlands plan was recently approved by the State Board. Meetings with the Los Angeles County and Ventura County Task Forces occurred during July and August to gather input on regional wetlands needs.

Watershed Management Initiative Chapter

Each Regional Board updates a "chapter" on an annual basis, which describes how that Board is implementing watershed management. The last update occurred in December 2000. The consolidated statewide document is the basis for many funding decisions including allocating money for monitoring, TMDL development, and grant monies disbursement. Copies of this Region's current Chapter (as well as Appendices) may be obtained by contacting the Regional Board office, Regional Programs Section secretary at 213-576-6619. The document may also be sent out electronically (in MSWord97) and is available on the Regional Board's web site (under Regional Programs) at <http://www.swrcb.ca.gov/~rwqcb4>.

Funding

Information on a wide variety of funding sources is available on the Regional Board web site along the left side under "Grant Funding Sources" as both a Word97 document and Adobe Acrobat file.

Proposition 13 Funding: The Request for Proposals (RFPs) for Phase II funding is tentatively scheduled to be released in September with a due date in January 2001. When released, the RFP will be available on the State Board's web site at <http://www.swrcb.ca.gov/>.

205(j) and 319(h) Funding: Regional Boards are now in the process of ranking all of the proposals statewide.

NONPOINT SOURCE

Section 401 Water Quality Certification Program

Anthony Klecha

The following Section 401 Water Quality Certification (WQC) actions have been issued since the preparation of the last Executive Officers Report:

DATE OF ISSUANCE	APPLICANT	PROJECT	ACTION
August 27,	Los Angeles County	Second Street Bridge over	Conditional

2001	Department of Public Works	Alamitos Bay	WQC
August 27, 2001	San Pedro Bay Pipeline Company	16-Inch Beta to Shore Crude Oil Pipeline Anomaly Inspection and Repair Project	Standard WQC
September 5, 2001	Los Angeles County Department of Public Works	Lincoln Debris Basin Enlargement Project	Conditional WQC
September 7, 2001	Ventura County Flood Control	Moorpark Drain #2 Replacement	Conditional WQC
September 12, 2001	Los Angeles County Department of Public Works	Santa Monica Canyon Channel	Standard WQC
September 17, 2001	Porter Ranch Development Company	Porter Ranch Specific Plan	Conditional WQC
September 24, 2001	Raznick Realty Group	Flying Tiger Business Park	Standard WQC
September 24, 2001	Ventura County Flood Control	Ferro Debris Basin Cleanout	Standard WQC
September 24, 2001	City of Long Beach Marina Bureau	Berth 3, Upgrade and Expansion	Standard WQC
September 24, 2001	Ken Bruecker	Bruecker Ranch	Standard WQC
September 24, 2001	Los Angeles County Department of Public Works	Sorenson Avenue Drain – Invert Access Ramp	Standard WQC
September 26, 2001	LB/L-SunCal Mandalay, LLC	Westport at Mandalay Bay – Amendment #1	Conditional WQC Amendment
September 28, 2001	Pardee Homes	Calleguas Creek Bank Improvement Project	Conditional WQC
September 28, 2001	Hilltop Builders	Tract No 5175	Conditional WQC

Certification actions recently issued and project descriptions for applications currently being reviewed can be viewed from our Web Site located at <http://www.swrcb.ca.gov/rwqcb4/html/meetings/401wqc.html>. For additional information regarding our Section 401 Program, please contact Anthony Klecha at (213) 576-6785, or Valerie Carrillo at (213) 576-6759. Any petitions for the appeal of a Section 401 WQC action must be filed within 30 days of the date of its issuance. We encourage public input during the certification process.

The following Section 401 Water Quality Certification (WQC) actions have been issued since the preparation of the last Executive Officers Report:

DATE OF ISSUANCE	APPLICANT	PROJECT	ACTION
August 20, 2001	Gordon Group Holdings, Ltd.	Sweetwater Creek Bridge	Standard WQC

Certification actions recently issued and project descriptions for applications currently being reviewed can be viewed from our Web Site located at <http://www.swrcb.ca.gov/rwqcb4/html/meetings/401wqc.html>. For additional information regarding our Section 401 Program, please contact Anthony Klecha at (213) 576-6785. Any petitions for the appeal of a Section 401 WQC action must be filed within 30 days of the date of its issuance. We encourage public input during the certification process.

OUTREACH ACTIVITIES

Tour of Donald C. Tillman Water Reclamation Plant

T. Don Tsai

Regional Board staff arranged a tour of the Donald C. Tillman Water Reclamation Plant (Tillman) on August 23, 2001 for Mr. Nobuyoshi Tanaka, Sewage Engineer, Sewage Division of Ishikawa Prefectural Government, Japan, and Mr. Mike Hasegawa, President, MDP Associates in Monterey Park. In the three-hour tour, Mr. Robert Krivak, Assistant Plant Manager of Tillman, presented the history and the design capacity of Tillman, and the state-of-the-art technologies used in the plant. He also discussed the existing and potential uses of the Tillman recycled water, in landscape irrigation, recreation (Balboa Lake, Wildlife Lake), industry (dust control), and groundwater recharge.

Prior to the tour, Regional Board staff, introduced the organizations and functions of the State Water Resources Control Board and the nine regional boards.

Presentation at Playa Vista Construction

Ejigu Solomon

On October 4, 2001, Regional Board staff made a presentation at Playa Vista. Playa Vista had arranged training for their construction staff, developers, contractors, and subcontractors. Regional Board staff explained the main requirements of the General Construction Permit, such as the need for developing and implementing an adequate SWPPP, a pre, during and post storm inspection, training of staff and our enforcement policy.

Industrial – Public Outreach

Yi Lu

On September 26, 2001, Regional Board Staff gave keynote speeches to the California Waste Association, Los Angeles and Orange Counties Chapter meeting held in Holiday Inn of Buena Park, California. The speeches covered a variety of issues pertaining to the Storm Water program, and were well received by the approximately 70 persons in attendance.

San Gabriel Valley VOC Groundwater Contamination Cleanup

Dixon Oriola

On August 17, 2001, Regional Board staff presented a status report on groundwater volatile organic compound (VOC) cleanup efforts within the Baldwin Park Operable Unit (BPOU) and Puente Valley Operable Unit (PVOU) in the San Gabriel Valley to a *California State Assembly Select Committee on San Gabriel Valley Groundwater Contamination* at South El Monte City Hall. Assemblyman Thomas Calderon (Chairman) inquired as to what progress had been made with assessment and cleanup activities in the San Gabriel Valley. Representatives from USEPA, California State regulatory agencies the Regional Board, Department of Toxic Substances Control (DTSC), Department of Health Services (DHS), the San Gabriel Basin Water Quality Authority (WQA), the Main San Gabriel Valley Watermaster, many Potentially Responsible Parties (PRPs) and numerous water supply companies attended.

Regular Underground Storage Tank Working Group Meeting

Yue Rong

The thirteenth UST Working Group meeting was held at Regional Board office on September 13, 2001. The attendees represented major oil companies, environmental group, environmental consultants, environmental law firm, realtor/banker, environmental laboratory, special interest group, and Regional Board staff. The focus of this meeting was the new state requirements on electronic submission of laboratory data (Assembly Bill 2886) and groundwater data of gasoline oxygenates. Regional Board staff presented requirements under AB2886 and updated the Regional Board UST section activities related to the requirements. Board staff and Dennis England of England Geosystem presented groundwater data obtained at UST sites and discussed the relationship between MTBE and other gasoline oxygenates. The next meeting is tentatively scheduled in January 2002. The agenda for next meeting will be available at a later date.

Host of Regional CUPA Meeting

Gregg Kwey

The UST Program hosted the monthly California Certified and Unified Program Agencies (CUPA) Forum, Southern Region UST TAG meeting at the Regional Board office on September 5, 2001. A total of 23 representatives from 16 LIA/LOP and State Water Board attended the meeting.

Industrial – Public Outreach

Yi Lu

The California Waste Association has invited Regional Board staff to give keynote speeches to a meeting scheduled on Wednesday evening, September 26, 2001, in Holiday Inn of Buena Park, California. Staff will cover the following issues:

Recent compliance inspection results for our Region;

Regional Board expectations during a compliance inspection;

Preliminary results of storm water sampling data analyses for our Region;

Current and future issues.

Storm Water Website

Weindy Abarquez

The Storm Water web site is currently being reformatted for easier information access and navigating. Some of the enhancements include revision of the Storm Water News page and staff contacts. For more efficiency, additional web site links have been added for quicker access to other storm water related sites.

MTBE ad hoc Committee

On August 21, 2001, Regional Board staff, was invited to speak at Southern California local MTBE ad hoc committee sponsored by the England Geosystem Environmental Engineering, and held at the Cal-State Fullerton campus. The topic of the speech was "Groundwater Data Analysis: MTBE Relative to Other Oxygenates in the Los Angeles Region." Staff presented MTBE and other gasoline oxygenates data obtained at leaking underground storage tank sites within Los Angeles and analysis of the data in terms of their relationship. In attendance were persons representing consultants, oil companies, and other related industries. The attendance showed great interests in the presentation.

STAFF DEVELOPMENT

Environmental Crimes Task Forces

Staff continued to participate in the USEPA and LA County Environmental Crimes Task Force meetings.

SWRCB Enforcement Round Table

Staff participated in the SWRCB Enforcement Round Table held in the Lahontan Regional Board on August 15 and August 16, 2001.

NOTHING TO REPORT

ADMINISTRATIVE SERVICES

Personnel Report

As of October 25, 2001 our staff total is 168: 147 technical staff (including 5 part-time staff), 8 permanent analytical staff and 13 permanent clerical staff.

Staff is currently taking steps to fill 1 Unit Chief position, 12 technical positions and 2 administrative positions.

The following appointment was made:

Alyse Washington, Office Technician, Underground Storage Tanks Section, appointed 10/01/01.

The following promotions were made:

Laura Gallardo, from Secretary to Associate Governmental Program Analyst, effective 07/17/01.

Maria Bambico, from Key Data Operator to Office Technician, effective 08/31/01.

Juanita Gallegos, from Office Assistant to Office Technician, effective 09/06/01.

The following separated from Region 4:

Jeremy Addison, Environmental Specialist II, separated from State service effective 10/19/01.

Keith Elliott, Water Resource Control Engineer, transferred to Region 8 effective 10/24/01.

Personnel Report

As of September 19, 2001 our staff total is 169: 149 technical staff (including 4 part-time staff), 7 permanent administrative staff and 13 permanent clerical staff.

Staff is currently taking steps to fill 1 Unit Chief position, 8 technical positions, 1 Research Analyst, and 2 clerical positions.

The following appointments were made:

Jennifer Newman, Environmental Specialist I, Executive Office, appointed 09/10/01.

Joyce Wang, Environmental Specialist I, Enforcement Unit, appointed 09/10/01.

The following reinstatement was made:

Sonja Gettel, Associate Governmental Program Analyst, Administrative Services, reinstated 08/17/01.

The following promotions were made:

Wendy Phillips, from Environmental Program Manager I to Supervising Engineering Geologist, effective 08/31/01.

Samuel Unger, from Water Resource Control Engineer to Senior Water Resource Control Engineer, effective 08/31/01.

The following separated from Region 4:

Cathy Chang, Water Resource Control Engineer, separated from State service effective 08/10/01.

Attachment "A"

Enforcement Unit NPDES Facility Inspections 8/28/01 to 9/30/01

Facility		Date of Inspection	Type of Inspection
Equilon Enterprises LLC	L.A. Refining Co. (Wilmington)	8/28/01	"A" type compliance - Comprehensive inspection in which samples are taken
Mobil Oil Corp.	Torrance Refinery, NPDES	8/29/01	"A" type compliance - Comprehensive inspection in which samples are taken
Tutor-Saliba Team	Alameda Mid-Corridor Trench Pj	8/30/01	"A" type compliance - Comprehensive inspection in which samples are taken
Los Angeles County San Dist	Saugus WWRP, NPDES	9/5/01	"A" type compliance - Comprehensive inspection in which samples are taken
Los Angeles City of DWP	Harbor Generating Station	9/6/01	"A" type compliance - Comprehensive inspection in which samples are taken
Los Angeles County San Dist	Calabasas Landfill	9/7/01	"B" type compliance - A routine nonsampling inspection
Caltrans	Santa Monica Bay Watershed	9/10/01	"B" type compliance - A routine nonsampling inspection
Los Angeles County San Dist	Valencia WWRP, NPDES	9/12/01	"A" type compliance - Comprehensive inspection in which samples are taken
Los Angeles City of DWP	Scattergood Generating Station	9/17/01	"A" type compliance - Comprehensive inspection in which samples are taken
AES Redondo Beach, LLC	Redondo Generating Station	9/18/01	"A" type compliance - Comprehensive inspection in which samples are taken
ZERO CORP.- ZERO WEST DIVISION	ZERO CORP.- ZERO WEST DIVISION	9/19/01	"B" type compliance - A routine nonsampling inspection
City of Santa Paula/OMI	Santa Paula WWRP, NPDES	9/20/01	"A" type compliance - Comprehensive inspection in which samples are taken
Xerox Corporation	VOC-Xerox Pomona Facility	9/24/01	"B" type compliance - A routine nonsampling inspection
Kinder Morgan (Former GATX)	Berth 172, L.A. Marine Terminal	9/24/01	"B" type compliance - A routine nonsampling inspection
Burbank, City Of Public Servic	Gw2-Reservoir Forebay	9/24/01	"B" type compliance - A routine nonsampling inspection
Simi Valley, City Of	Simi Valley WWRP, NPDES	9/25/01	"A" type compliance - Comprehensive inspection in which samples are taken

Burbank, City Of Public Works	Burbank WWRP, NPDES	9/26/01	"A" type compliance - Comprehensive inspection in which samples are taken
Temple Beth Am	Gw-Temple Beth Am	9/26/01	"B" type compliance - A routine nonsampling inspection
TRW Inc.	Hawthorne Site	9/27/01	"B" type compliance - A routine nonsampling inspection
Arco Petroleum Products Co.	L.A. Refinery	9/28/01	"A" type compliance - Comprehensive inspection in which samples are taken

Attachment "B"

General Permitting Unit

General NPDES Permit Authorization/Revision and Termination – September 2001

	<u>General Permit type and Facility name & Location</u>	Date of Coverage	Date of Revision	Date of Termination
A.	NPDES CAG994001 (Order No. 97-045) Dewatering (no treatment)			
1	The Port of Long Beach, Pier G/J Terminal Development Project, Long Beach	09/07/01		
2	LB/L-SunCal Mandalay, LLC, Westport at Mandalay Bay, Oxnard	09/26/01		
3	California Water Service Company, Well Numbers 232-01 and 232-02, Carson		09/26/01	
4	Douglas Emmett & Company, Wilshire Landmark II Building, 11766 Wilshire Boulevard, Los Angeles			09/27/01
B	NPDES CAG994002 (Order No. 97-043) Dewatering (treatment required)			
1	Douglas Emmett & Company, Wilshire Landmark II Building, 11766 Wilshire	09/06/01		

	Boulevard, Los Angeles			
2	Cedars-Sinai Medical Center, Davis Research Building Dewatering Project, 8700 Beverly Boulevard, Los Angeles			09/08/01
3	Cresenta Valley Water District, 3246 Mills Avenue, Glendale		09/14/01	
4	Los Angeles County Department of Public Works, Griffith Street Storm Drain Project, Main Street & Broadway, Carson			09/25/01
C.	NPDES CAG674001 (Order No. 97-047) Hydrostatic Test Water			
1	Kinder Morgan Liquid Terminals, LLC, Carson Terminal, 2000 E. Sepulveda Blvd., Carson	09/17/01		
2	Arco Terminal Services Corporation, Marine Terminal 3, 1400 Pier C Street, Long Beach	09/26/01		
D.	NPDES CAG994003 (Order No. 98-055) Non-process			
1				
E.	NPDES CAG834001 (Order No. 97-046) – Cleanup of Petroleum Fuel Pollution			
1	O'Brien California Cogen Ltd., (California Milk Producers Co-generation Facility), 17306 Fillalon Avenue, Artesia			09/14/01
F.	NPDES CAG914001(Order No. 97-044) – Cleanup of Volatile Organic Compounds Contaminated Groundwater			

General NPDES Permit Authorization/Revision and Termination – August 2001

	<u>General Permit type and Facility name & Location</u>	Date of Coverage	Date of Revision	Date of Termination
A.	NPDES CAG994001 (Order No. 97-045) Dewatering (no treatment)			
1	City of Long Beach Water Department, Commission 21, 22, & 23 Water Wells in El Dorado Park, Long Beach			08/03/01

Attachment "C"

Monthly Summary of Regional Board Enforcement Actions

September 2001

	13267 Letters	Notice of Non Compliance	NOVs	NTCs	CAOs	TSOs	CDOs	Administrative Civil Liability				Program Total
								Penalty Complaints				
								Migden Mandatory	Storm-water related	All others	Total ACLs	
Enforcement	9	-	9	-	-	-	-	5	3	1	9	27
NPDES	-	-	-	-	-	-	-	-	-	-	-	-
Stormwater	1	-	12	6	-	-	-	-	-	-	-	19
Underground Tanks	-	-	-	-	-	-	-	-	-	-	-	19
Site Cleanup I & II	11	6	2	-	-	-	-	-	-	-	-	-
WDRs	-	-	-	-	1	-	-	-	-	-	-	1
WIP	4	-	-	-	-	-	-	-	-	-	-	4
Landfills	-	-	-	-	-	-	-	-	-	-	-	-
Other (401, NPS)	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	25	6	23	6	1	-	-	5	3	1	9	70
YTD Total	703	499	509	123	1	-	-	22	26	7	55	1897

13267 Letter – Requirement to Submit Information

Level 1 enforcement - Notice of Non Compliance

NOV - Notice of Violation

NTC - Notice to Comply

CAO - Clean up and Abatement Order

TSO - Time Schedule Order

CDO - Cease and Desist Order

ACL – Administrative Civil Liability

NPDES – National Pollutant Discharge Elimination System

WIP – Well Investigation Program

NPS – Nonpoint Source

WDR – Waste Discharge Requirement

Monthly Summary of Regional Board

August 2001

	13267 Letters	Notice of Non Compliance	NOVs	NTCs	CAOs	TSOs	CDOs	Administrative Civil Liability				Program Total
								Penalty Complaints				
								Migden Mandatory	Storm-water related	All others	Total ACLs	
Enforcement	4	-	3	-	-	-	-	1	2	-	3	10
NPDES	-	-	-	-	-	-	-	-	-	-	-	-
Stormwater	1	3	173	12	-	-	-	-	1	-	1	190
Underground Tanks	-	13	1	-	-	-	-	-	-	-	-	14
Site Cleanup I & II	-	-	-	-	-	-	-	-	-	-	-	-
WDRs	-	-	-	-	-	-	-	-	-	-	-	-
WIP	-	-	-	-	-	-	-	-	-	-	-	-
Landfills	-	-	-	-	-	-	-	-	-	-	-	-
Other (401, NPS)	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-
YTD Total	-	-	-	-	-	-	-	-	-	-	-	-

13267 Letter – Requirement to Submit Information

Notice of Non Compliance – Level 1 Enforcement

NOV - Notice of Violation

NTC - Notice to Comply

CAO - Clean up and Abatement Order

TSO - Time Schedule Order

CDO - Cease and Desist Order

ACL – Administrative Civil Liability

NPDES – National Pollutant Discharge Elimination System

WIP – Well Investigation Program

NPS – Nonpoint Source

WDR – Waste Discharge Requirement